

CLAIMS

1. A laminated body containing a plating layer formed on its surface of a molded product obtained by bulk polymerization of a cyclic olefin monomer in the presence of an inorganic filler by using a ruthenium catalyst.
2. The laminated body according to claim 1, wherein the ruthenium catalyst is a ruthenium carbene complex.
3. The laminated body according to claim 1, wherein the inorganic filler is a metal hydroxide or a metal oxide.
4. The laminated body according to claim 1, wherein the cyclic olefin monomer contains only one double bond therein.
5. The laminated body according to claim 1, wherein the bulk polymerization is carried out in the presence of a chain transfer agent.
6. The laminated body according to claim 1, wherein the molded product is formed in a metallic mold at the temperature of 110°C or more.
7. The laminated body according to claim 1, wherein the molded product is obtained by bulk polymerization using a reaction injection molding method.

8. The laminated body according to claim 1, wherein the plating layer is formed by electroless plating.

9. A method for producing a laminated body containing a plating layer formed on its surface, which comprises the steps of:

the step of obtaining a molded product by bulk polymerization of a cyclic olefin monomer in the presence of an inorganic filler by using a ruthenium catalyst;

the step of etching the surface of the molded product with a permanganic acid compound;

the step of applying a plating catalyst thereon; and

the step of electroless plating the surface of the molded product.